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Sent: Monday, February 26, 2007 8:53 PM
To: 'jbennetam@dhec.sc.gov'
Cc: 'dfuss@coastal.edu'; jchandler@scelp.org; 'Amy Armstrong'; 'Garigen, Tom'
Subject: SC R61-68 triennial review on Water Classifications and Standards and R61-69, Classified Waters

Please keep me on the mailing list for information regarding the triennial reviews.

My concerns are:

1. Developing nutrient and chlorophyll standards for the coastal zone to assess eutrophication threats. Consider adoption of the EPA draft water quality criteria for rivers
(<http://www.epa.gov/waterscience/criteria/nutrient/guidance/rivers/index.htm>)
2. Revise turbidity criteria in Class FW as per
<http://www.epa.gov/waterscience/criteria/nutrient/guidance/rivers/index.html> recommendations for coastal plain rivers.
3. Switch from fecal coliforms to EPA-recommended bacterial indicators (E.Coli or Enterococcus in freshwaters)
4. Establish classified waters in the very nearshore (saltwaters).
5. We are seeing a trend toward recreational usage of stormwater ponds suggesting the need for regulation of these waters (make them classified waters). I see some liability issues ahead. Am particularly worried about increasing frequency of harmful algal blooms in these ponds.
6. The USGS has installed quite a few continuous sensors for water quality in the coastal plain rivers. We need to be thinking about ways to use this information from a regulatory standpoint as it is quite different from SC DHEC's monthly sampling approach.

Other related issue: We need better access to DHEC monitoring data and synthesis of the data. This needs to be integrated with other agency monitoring, such as USGS continuous sensors. This is going to be crucial as the NPDES Phase II Stormwater Programs come onboard.

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